

Amendments to the Specification:

Please replace the paragraph beginning at page 1, line 6, with the following rewritten paragraph:

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This invention involves relates to an electric motor unit and an electronic control of the motor.

Please replace the paragraph beginning at page 1, line 11, with the following rewritten paragraph:

B² cont.
Historically, the stator of such a motor unit is made up of comprises a carbon carrying holder plate (PPC) which presents, first, includes a brass insert and; second, a radiator.

[Please replace the paragraph beginning at page 1, line 13, with the *]* following rewritten paragraph:

The brass insert serves, first, to guide the electrons carbon holders and; second, to bring the current closer to the foot of the MOSFET transistor lead from of the power circuit to the right of near the radiator.

[Please replace the paragraph beginning at page 1, line 16, with the *]* following rewritten paragraph:

The radiator, generally made of aluminum, rerels provides cooling to the power components (diodes, MOSFET transistors) and presents easings provides a space into which certain several electronic components carried by a circuit imprinted with the command held on a circuit board, that has been imprinted with the control electronics are received and held.

[Please replace the paragraph beginning at page 1, line 20, with the *]* following rewritten paragraph:

A motor unit of this type was described in the French patent application of that the Assignee Applicant filed under number 98 03128.

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Please replace the paragraph beginning at page 1, line 22, with the following rewritten paragraph:

~~The One aspect of the invention particularly is that proposes a motor unit structure that allows provides for very high mounting tolerances of connections between the radiator and the brass insert.~~

Please replace the paragraph beginning at page 1, line 24, with the following rewritten paragraph:

~~The In another aspect of the invention also to proposes a motor unit structure; the rigidity and the watertightness of the motor unit structure of which is has been improved.~~

Please replace the paragraph beginning at page 1, line 26, with the following rewritten paragraph:

~~The It is a further aspect of the invention also to proposes provide a motor unit structure in of which the means of for connection connecting and the assembly of the components are simplified.~~

Please replace the paragraph beginning at page 1, line 29, with the following rewritten paragraph:

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~~The present invention proposes provides an electric motor unit of a motor vehicle containing having a wiper blade brush carrier plate that presents, first, includes a brass insert and second, a radiator, characterized by the plate presenting having a plastic over-molding that surrounds the insert and the radiator. This over-molding provides make up for play between the pieces parts.~~

Please replace the paragraph beginning at page 2, line 3, with the following rewritten paragraph:

~~In addition Furthermore, the over-molding contributes to the rigidity of the plate, which allows optimization of the design of the radiator and the quantity of aluminum used for it, by removing from the radiator the parts that are not necessary~~

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Concl'd*

in its recoiling for cooling and that only serve to increase the rigidity of the plate.

Moreover, the over-molding also presents includes a partition that separates, in a waterproof watertight way, on the plate, the zone area designed to receive the electronic card and a wiper blade an area carrying the brushes.

[] Please replace the paragraph beginning at page 2, line 9, with the [] following rewritten paragraph:

The area that is defined for delimited by the over-molding and which receives the card can, in addition, furthermore be closed by a lid for which the edge of the over-molding defines a watertight plane.

[] Please replace the paragraph beginning at page 2, line 12, with the [] following rewritten paragraph:

The combination system of the over-molding and the lid is defined by defines the imprinted circuit card and the electronic components (in the cold area of the motor) a watertight ease housing in which the components are thermically isolated in relation with respect to the zone area that carries the brushes (electrotechnical zone area – hot zone area). There is also an uncoupling decoupling between the electronic zone area and the electrotechnical zone area.

[] Please replace the paragraph beginning at page 2, line 17, with the [] following rewritten paragraph:

It can also, The separation partition can advantageously, be planned that on the separation partition provide the means of for respiration allowing circulation of the air from one zone area to the other another without allowing the entrance of moisture in into the electronic zone area.

Please replace the paragraph beginning at page 2, line 21, with the following rewritten paragraph:

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Other characteristics and advantages of the invention will become more clear in the following description. This description is purely only illustrative and not limiting non limiting. It must should be read in regards to in the light of the attached drawings in in which:

[] Please replace the paragraph beginning at page 2, line 24, with the following rewritten paragraph: []

Figure 1 is a cut view cross-sectional schematic representation view of the motor unit conforming according to one possible method of production embodiment of the invention;

[] Please replace the paragraph beginning at page 2, line 26, with the following rewritten paragraph: []

Figure 2 is an exploded perspective view of a motor unit from of Figure 1;

[] Please replace the paragraph beginning at page 2, line 28, with the following rewritten paragraph: []

Figure 3 is a perspective schematic representation illustrating view showing the connection mounting of the plate to the easing housing of the motor unit of Figures 1 and 2; and

[] Please replace the paragraph beginning at page 2, line 30, with the following rewritten paragraph: []

Figure 4 is a detailed perspective representation view of the mechanical means for the blockage of blocking the plate in relation to the easing with regard to the housing.

Please replace the paragraph beginning at page 3, line 2, with the following rewritten paragraph:

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Cont.*

The motor unit which is illustrated shown in Figures 1 and 2 contains includes a easing housing 1, a rotational axis 2, an inductor a stator 3 fixed in relation to the easing housing, and an inductor a rotor 4 powered by the brushes or carbons 5. These brushes 5 are guided by a brass insert 6 which presents has an electronic wiper blade brush carrier plate (PPCE) that also contains includes a radiator 7.

Please replace the paragraph beginning at page 3, line 6, with the following rewritten paragraph:

On this radiator 7 are placed power components 8 (diodes, MOSFET transistors). A printed circuit card C[1]I, which carries holds control components, is also placed to the right of this radiator 7.

Please replace the paragraph beginning at page 3, line 9, with the following rewritten paragraph:

The PPCE plate presents also includes [a] an over-molding 9 which surrounds the brass insert 6 and the radiator 7. This over-molding 9 also presents has a partition 10 that separates, in a watertight manner, on the plate, the zone area that is designed to receive an electronic card C[1]I, from the electrotechnical zone area that carries holds the brushes 5. The peripheral over-molding 9 and this partition 10 define, with a lid 12, a watertight ease housing into which is received the electronics card C[1]I.

Please replace the paragraph beginning at page 3, line 15, with the following rewritten paragraph:

The peripheral over-molding 9 and the transversal partition 10 together define a watertight plane on which is received a joint gasket 13 that is designed to be compressed between the lid 12 and the edge of the over-molding 9. The lid 12 is made up of includes a plastic hood 12a formed from a plastic material in into which is placed a metallic-plated hood 12b is placed.

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cont.

Please replace the paragraph beginning at page 3, line 19, with the following rewritten paragraph:

The printed circuit card C[1]I is double-sided, the having components reaching extending from one side of the card to the other.

Please replace the paragraph beginning at page 3, line 21, with the following rewritten paragraph:

It is foreseen that the over-molding 9 casings Recesses are provided on the overmoulding allow the for positioning and holding of the components before soldering the components onto the card.

Please replace the paragraph beginning at page 3, line 23, with the following rewritten paragraph:

The power and control current is led to the electronic components (control components of the printed circuit card and power components (MOSFET, diodes) mounted on the radiator 7) by the stripe path that presents is formed by the brass insert 6. The brass insert 6 is directly soldered to the printed circuit card or to the power components. One removes, as a consequence, a connection level Accordingly, one connecting step between the printed circuit card C[1]I and the brass insert 6 is removed. The links connections between the brass insert 6 and the card C[1]I are thus optimized, which allows the provides a considerable reduction of heating of the surface of the electronic card.

Please replace the paragraph beginning at page 4, line 1, with the following rewritten paragraph:

The power components like the MOSFET transistor transistors and the diodes are cooled by the aluminum radiator 7, which is fitted with blades wings placed in the external air flux.

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Cont.

Please replace the paragraph beginning at page 4, line 4, with the following rewritten paragraph:

The radiator 7, the plastic over-molding 9, and the lid are assembled in such a ~~manner way to make up form~~ a watertight ~~ease~~ housing 1 ~~vis-à-vis the to the~~ exterior, but also from the interior of the motor (thermal protection, protection from dust, protection from electromagnetic rays, etc.)

Please replace the paragraph beginning at page 4, line 8, with the following rewritten paragraph:

The means allowing the removal of condensation produced by the radiator 7 in the ~~ease~~ housing 1 defined by the over-molding 9 and the lid 12 are advantageously foreseen by provided in the watertight partition 10. Also, the over-molding 9 presents the provides means for the passage of the wires designed to power the brass insert 17 (section 17). Particularly, the over-molding 9 contains comprises means allowing the implantation of a connecting module designed to power the brass insert 6 and the electronic controls and allows the connection towards the exterior by a complimentary connector having complimentary form.

Please replace the paragraph beginning at page 4, line 15, with the following rewritten paragraph:

The electrotechnical part is closed by a flask an end plate F.

Please replace the paragraph beginning at page 4, line 16, with the following rewritten paragraph:

As one can see seen in Figures 2 to 4, the over-molding 9 of the plate presents includes elastic attachment flaps 14 designed to work together with complimentary forms 15 can come from the stamping which are embossed that presents on the ~~ease~~ housing 1, in order to stabilize for keeping the plate in relation secured to the ~~ease~~ housing 1.

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Please replace the paragraph beginning at page 4, line 20, with the following rewritten paragraph:

One will note It is noted that one solution for attachment is particularly economical; typically, the means of attaching for mounting the plate on to the ease housing 1 are made up of rolled-stapled sheet metal.

Please replace the paragraph beginning at page 4, line 23, with the following rewritten paragraph:

The elastic leads flaps 14 and the complimentary forms 15 that present are shown on the ease housing 1 are, for example, restarted can be coupled in such a way to create a limitation imposing a single possible relative position relative between the plate and the ease housing 1. For example, the leads flaps 14 and the forms 15 are angularly spaced, respectively, two by two at 115°, 115°, 130°.

Please replace the paragraph beginning at page 4, line 28, with the following rewritten paragraph:

As is illustrated on shown in Figure 4, the elastic leads flaps 14 end, for example, at beveled can include chamfered protuberances 16 that facilitate the connection of the plate onto the ease housing 1 and assure, during of the connection mounting, the mechanical stabilization stability of the ensemble by avoiding the lowering of turning over the plate under by the counterweight of the electronics that are incorporated into the motor.